

AMENDMENTS TO THE CLAIMS

1. (currently amended) An electrical equipment enclosure comprising:
an electrical enclosure having an accessible front exterior surface;
~~networked~~ electrical power ~~monitoring~~ equipment mounted in said electrical enclosure; and
a ~~communications port~~ pair of Ethernet communication ports mounted to said enclosure and
~~accessible externally from on said front exterior surface of said enclosure and~~, operatively coupled
with said ~~networked~~ electrical power ~~monitoring~~ equipment ~~requiring a local communications~~
~~connection~~ for connecting said ~~networked~~ electrical power ~~monitoring~~ equipment with equipment
outside of said enclosure, one of said ports being inaccessible from outside said enclosure when said
enclosure is installed, the other of said ports being accessible from outside said enclosure when said
enclosure is installed to enable coupling of said power equipment inside said enclosure to an
Ethernet outside said enclosure.
2. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is a
power distribution enclosure.
3. (currently amended) The electrical equipment enclosure of claim 1 wherein said
enclosure is a ~~motor~~ control center.
4. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is a
circuit breaker panel enclosure.
5. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is an
electrical switchgear cabinet.
6. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is an
electrical unit substation.
7. (original) The electrical equipment enclosure of claim 1 wherein said enclosure is an
electrical distribution switchboard.
8. (currently amended) The electrical equipment enclosure of claim 1 and further
including an Ethernet hub providing a plurality of Ethernet connection ports mounted inside of said
enclosure and operatively connected with said ~~local communications port~~ mounted to said enclosure
Ethernet communication ports and with said power monitoring equipment.

9. (currently amended) The electrical equipment enclosure of claim 1 wherein said enclosure has an accessible front surface, and wherein said accessible port is mounted to said front surface.

10. (currently amended) The electrical equipment enclosure of claim 1 wherein said ~~communications~~ accessible port is accessible wirelessly ~~an infrared~~ port.

11. (currently amended) The electrical equipment enclosure of claim ~~1~~ 9 wherein said ~~communications~~ accessible port is accessible via infrared radiation ~~a low power wireless~~ port.

12. (currently amended) A method of providing a local communications connection for electrical power ~~monitoring~~ equipment mounted inside of an electrical enclosure ~~having an accessible front exterior surface~~, comprising:

coupling said electrical power equipment inside said enclosure to at least one external Ethernet outside of said enclosure through a pair of Ethernet communications ports mounted to said enclosure and operatively coupled with said electrical power equipment, one of said ports being inaccessible from outside said enclosure when said enclosure is installed, the other of said ports being accessible from outside said enclosure when said enclosure is installed to enable coupling of said power equipment inside said enclosure to an Ethernet outside said enclosure.

~~coupling a an Ethernet communications port mounted to said enclosure with said power monitoring equipment mounted inside said enclosure; and~~

~~accessing said communications port externally of on said front exterior surface of said electrical enclosure.~~

13. (cancelled) The method of claim 12 which includes communicating with said power monitoring equipment through said communications port via Ethernet.

14. (currently amended) The method of claim 12 which includes communicating with said power ~~monitoring~~ equipment through said accessible ~~communications~~ port ~~via infrared wirelessly~~.

15. (currently amended) The method of claim ~~12~~ 14 which includes communicating with said power ~~monitoring~~ equipment via infrared radiation ~~through said communications port via low power wireless~~.

16. (new) The electrical equipment enclosure of claim 1 wherein said electrical power equipment is power monitoring equipment.

17. (new) The electrical equipment enclosure of claim 1 wherein said electrical power equipment is networked power monitoring equipment.

18. (new) The method of claim 12 wherein said electrical power equipment is power monitoring equipment.

19. (new) The method of claim 12 wherein said electrical power equipment is networked power monitoring equipment.